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J. Wilkes, R. Golding, C. Staelin, T. Sullivan
December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles**, Volume 29 Issue 5
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Andreas Bechtolsheim, Forest Baskett
July 1980 **ACM SIGGRAPH Computer Graphics , Proceedings of the 7th annual conference on Computer graphics and interactive techniques**, Volume 14 Issue 3
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Keywords: Bit-map, Frame buffer, Functional memory, Raster operation, Raster-scan graphics

3 The HP AutoRAID hierarchical storage system   ▬
John Wilkes, Richard Golding, Carl Staelin, Tim Sullivan
February 1996 **ACM Transactions on Computer Systems (TOCS)**, Volume 14 Issue 1
Full text available: 📄 pdf(1.82 MB)   Additional Information: full citation, abstract, references, citings, index terms

Configuring redundant disk arrays is a black art. To configure an array properly, a system administrator must understand the details of both the array and the workload it will support. Incorrect understanding of either, or changes in the workload over time, can lead to poor performance. We present a solution to this problem: a two-level storage hierarchy implemented inside a single disk-array controller. In the upper level of this hierarchy, two copies of active data are stored to provide f ...

Keywords: RAID, disk array, storage hierarchy

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1 StarT-Voyager: a flexible platform for exploring scalable SMP issues   ◼
Boon S. Ang, Derek Chiou, Daniel L. Rosenband, Mike Ehrlich, Larry Rudolph, Arvind
November 1998 **Proceedings of the 1998 ACM/IEEE conference on Supercomputing (CDROM)**
Full text available: 🖥 html(49.51 KB)   Additional Information: full citation, abstract, references, citings

This paper describes StarT-Voyager, a machine designed as an experimental platform for research in cluster system communication. The heart of StarT-Voyager is a network interface unit (NIU) that connects the memory bus of a PowerPC-based SMP to the MIT Arctic network. The NIU is highly flexible, with its set of functions easily modified by firmware or by programmable hardware, making it possible to compare different communication interfaces and implementation strategies on a common platform. Its ...

Keywords: configurable hardware, flexible, message passing, network interface unit, parallel systems, shared memory

2 Macintosh OS X: a smooth migration   ◼
Scott E. Hanselman, Mahmoud Pegah
September 2003 **Proceedings of the 31st annual ACM SIGUCCS conference on User services**
Full text available: 📄 pdf(208.81 KB)   Additional Information: full citation, abstract, references, index terms

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Keywords: Macintosh OS X, NFS, NIS, SSH, fonts, migration, network

3 Pen computing: a technology overview and a vision   ◼
André Meyer
July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3
Full text available: 📄 pdf(5.14 MB)   Additional Information: full citation, abstract, citings, index terms

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Lindh, L.; Starner, J.; Furunas, J.;
Real-Time Technology and Applications Symposium, 1995. Proceedings , 15-17 May 1995
Pages:42 - 43

[Abstract]   [PDF Full-Text (164 KB)]   **IEEE CNF**

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2 **The Aleph event builder: a multi-user FASTBUS master**
Einsweiler, K.; Marchioro, A.; von Ruden, W.; Battaiotto, P.;
Nuclear Science, IEEE Transactions on , Volume: 35 , Issue: 1 , Feb 1988
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[Abstract]   [PDF Full-Text (288 KB)]   **IEEE JNL**

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Xiaohan Zhu; Bill Lia;
Computer Design, 1999. (ICCD '99) International Conference on , 10-13 Oct. 1999
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Integrated Circuit Design and Technology, 2004. ICICDT '04. International Conference on , 2004
Pages:143 - 145

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2 **Simultaneous subordinate microthreading (SSMT)**
Chappell, R.S.; Stark, J.; Kim, S.P.; Reinhardt, S.K.; Patt, Y.N.;
Computer Architecture, 1999. Proceedings of the 26th International Symposium on , 2-4 May 1999
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